

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/006006

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05K1/16 H05K3/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K H01P H01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 739 193 A (WALPITA ET AL) 14 April 1998 (1998-04-14) column 6, line 37 - column 7, line 49	1-24
X	US 2004/000425 A1 (WHITE GEORGE E ET AL) 1 January 2004 (2004-01-01) cited in the application paragraphs '0023!', '0025!', '0040!; figure 6	1-24
X	US 2002/158305 A1 (DALMIA SIDHARTH ET AL) 31 October 2002 (2002-10-31) paragraphs '0043! - '0051!; figures 2,3	1-24
X	US 2004/034489 A1 (OGINO TATSUYA ET AL) 19 February 2004 (2004-02-19) paragraphs '0055! - '0060!; figures 7,17	1-24
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

25 May 2005

Date of mailing of the international search report

07/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/195270 A1 (OKUBORA AKIHIKO ET AL) 26 December 2002 (2002-12-26) paragraphs '0063! - '0086!; figures 8-23 -----	1-24
A	WO 01/95679 A (BLUETRONICS AB; GONG, SHAOFANG; NILSSON, JOHAN) 13 December 2001 (2001-12-13) the whole document -----	1-24

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International Application No
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